

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently amended) ~~The~~ A user identification method using an electronic identification system ~~that includes comprising at least a first and a second electronic identification facilities device connected through by at least one telecommunication facilities and consisting of the following stages~~ line, the method comprising the steps of: forming of the users a user database in each electronic identification ~~feature device and identifying a user, the system~~ users identification, ~~in which connection during the database forming stage the following operations are executed wherein:~~

the step of forming the user database comprises the steps of:

a) ~~Identification of~~ identifying living matter ~~presence on the~~ an identification surface of ~~one of the~~ the first identification ~~facilities device~~ while ~~the~~ a user's hand is placed on the identification surface,

b) ~~The hand scanning the hand by the identification facility subject to presence of~~ when living matter is identified on the identification surface,

c) ~~Forming of the user's~~ forming a set of geometry parameters set corresponding to characteristics of the hand ~~the hand characteristic parameters by the identification facility,~~

d) ~~Converting of the above set~~ converting the set of geometry parameters into the an analyzed identification code ~~by the identification facility,~~

e) ~~Entry of~~ entering the analyzed identification code and the individual information ~~on of the user in the user database in the first identification facility device memory unit database,~~

f) ~~Transmitting of~~ transmitting the analyzed identification code and the individual information ~~on of the user to the other the second identification device facilities constituting electronic identification system through the telecommunication line facilities, and~~

g) ~~Entry of the~~ entering the analyzed identification code and the individual information ~~on of the user in the a user database of the second identification device; and facility memory unit database; during the identification stage operations from a) to d) are executed in series and then the following operations are executed:~~

the step of identifying the user comprises the steps a) to d) executed in series and further comprises the steps of:

h) ~~Comparing of~~ comparing the ~~user's individual analyzed identification~~ code to ~~latter~~ a reference identification code extracted from the user database of the second identification device facility memory unit database,

i) ~~Displaying~~ displaying on a monitor of the first identification device the ~~identification facility monitor~~ the analyzed individual information stored ~~together~~ with the analyzed identification code in the ~~identification facility memory unit user~~ database of the first identification device when the result of the step of comparing the analyzed identification code to the reference identification code is positive ~~subject to positive result of comparing,~~ and

j) ~~Forming of~~ transmitting a permissive access signal ~~sent~~ to an execution facility device when the result of the step of comparing the analyzed identification code to the reference identification code is positive.

2. (Currently amended) The method of claim 1 ~~by the following:~~ wherein the step of converting of the user's identification the set of geometry parameters set ~~corresponding to the hand-characteristic parameters~~ into the user analyzed identification code ~~is executed by~~ comprises the step of using at least a single one converting algorithm selected from different given converting algorithms.

3. (Currently amended) The method of claim 2 wherein the step of using the converting algorithm comprises the step of automatically selecting the ~~by automatic selection of~~ converting algorithm.

4. (Currently amended) The method of claim 2 wherein the step of using the converting algorithm comprises the step of allowing a selection of the ~~by selection of~~ converting algorithm ~~made by the operator.~~

5. (Currently amended) The method of claim 1 ~~by the following: while~~ wherein the step of comparing of the user's individual the analyzed identification code to the reference identification code comprises the step of using a predetermined allowed error latter extracted from the identification facility memory unit database given allowed errors of the identification codes lack of coincidence are used.

6. (Currently amended) The method of claim 1 ~~by the following: should the result of comparing is negative then~~ further comprising the step of displaying a rejecting access signal is displayed on the identification facility monitor of the second identification device when the result of the step of comparing the analyzed identification code to the reference identification code is negative.

7. (Currently amended) ~~Electronic~~ An electronic identification system ~~containing comprising:~~

first and second electronic identification facilities devices connected to each other through at least one telecommunication facility line, and each of the electronic identification facility represents devices being a device for biometrical personal identification based on characteristics of a user's hand, wherein: that pertains to the hand eharacteristic geometry sizes and is designed to provide possibility of:

a) ~~Identification of said first electronic identification device identifies living matter presence on the an identification surface of said first electronic identification device when a while the user's hand is placed on the identification surface, and~~

said first electronic identification device scans the hand scanning subject to presence of when living matter is identified,

b) ~~Forming of the users said first electronic identification device comprises a user database by forming the user identification storing a set of geometry parameters set corresponding to the hand characteristic parameters and converting of the above characteristics of the user's hand,~~

12. (New) A user identification method using an electronic identification system comprising at least a first and a second electronic identification device connected by at least one telecommunication line, the method comprising the step of forming a user database in each electronic identification device, the step of forming the user database comprising the steps of:

- a) identifying living matter on an identification surface of the first identification device while a user's hand is placed on the identification surface,
- b) scanning the hand when the living matter is identified on the identification surface,
- c) forming a set of geometry parameters corresponding to characteristics of the hand,
- d) converting the set of geometry parameters into an analyzed identification code,
- e) entering the analyzed identification code and individual information of the user in the user database in the first identification device,
- f) transmitting the analyzed identification code and the individual information of the user to the second identification device through the telecommunication line, and
- g) entering the analyzed identification code and the individual information of the user in a user database of the second identification device.

13. (New) The method of claim 12 wherein the step of converting the set of geometry parameters into the analyzed identification code comprises the step of using at least one converting algorithm selected from different given converting algorithms.

14. (New) The method of claim 13 wherein the step of using the converting algorithm comprises the step of automatically selecting the converting algorithm.

15. (New) The method of claim 13 wherein the step of using the converting algorithm comprises the step of allowing a selection of the converting algorithm.

16. (New) A user identification method using an electronic identification system comprising at least a first and a second electronic identification device connected by at least one

telecommunication line, the method comprising the step of identifying a user, the step of identifying the user comprising the steps of:

- a) identifying living matter on an identification surface of the first identification device while a user's hand is placed on the identification surface,
- b) scanning the hand when the living matter is identified on the identification surface,
- c) forming a set of geometry parameters corresponding to characteristics of the hand,
- d) converting the set of geometry parameters into an analyzed identification code,
- e) comparing the analyzed identification code to a reference identification code extracted from a user database of the second identification device,
- f) displaying on a monitor of the first identification device the analyzed individual information stored with the analyzed identification code in the user database of the first identification device when the result of the step of comparing the analyzed identification code to the reference identification code is positive, and
- g) transmitting a permissive access signal to an execution device when the result of the step of comparing the analyzed identification code to the reference identification code is positive.

17. (New) The method of claim 16 wherein the step of converting the set of geometry parameters into the analyzed identification code comprises the step of using at least one converting algorithm selected from different given converting algorithms.

18. (New) The method of claim 17 wherein the step of using the converting algorithm comprises the step of automatically selecting the converting algorithm.

19. (New) The method of claim 17 wherein the step of using the converting algorithm comprises the step of allowing a selection of the converting algorithm.

